




Method and arrangement for injecting additives.

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 US3860030**Abstract of EP0611015**

Apparatus for measured injection of additives in oil products and the like during successive and separate loading or unloading operations in tank farms, in particular for filling fuel to be transported by tank trucks, comprising at least two supply conduits (20B-D) for additives and each provided with a shut-off valve (29B-D) and interconnected (200) upstream of a common control valve (15) with a subsequent common conduit (20) for additives leading to a main conduit (10) for oil products and the like in which a particular supply conduit (10A) for said oil products and the like is adapted to be temporarily put into fluid connection with a point of the common conduit (20) oppositely with respect to the connection (43) thereof to the main conduit (10), and that a control unit (30) by means of at least one valve (29A, 41) establishes said fluid connection during a time interval which starts substantially simultaneously with or after closing of a shut-off valve (29B-D) for terminating an injection of additive before fulfilling a loading or unloading operation, whereby said oil products and the like from said particular supply conduit (10A) are flushed through the common conduit (20).

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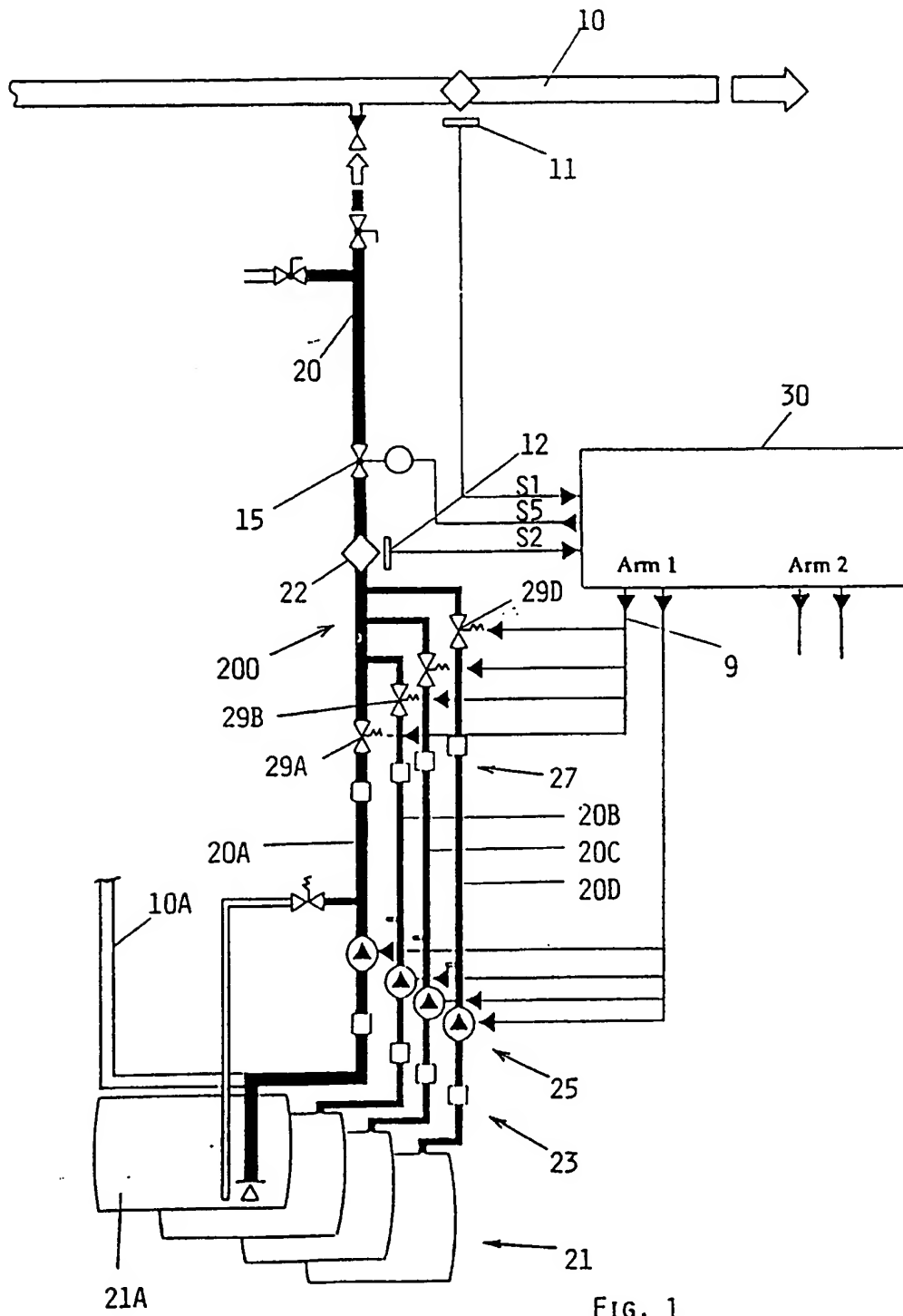


FIG. 1

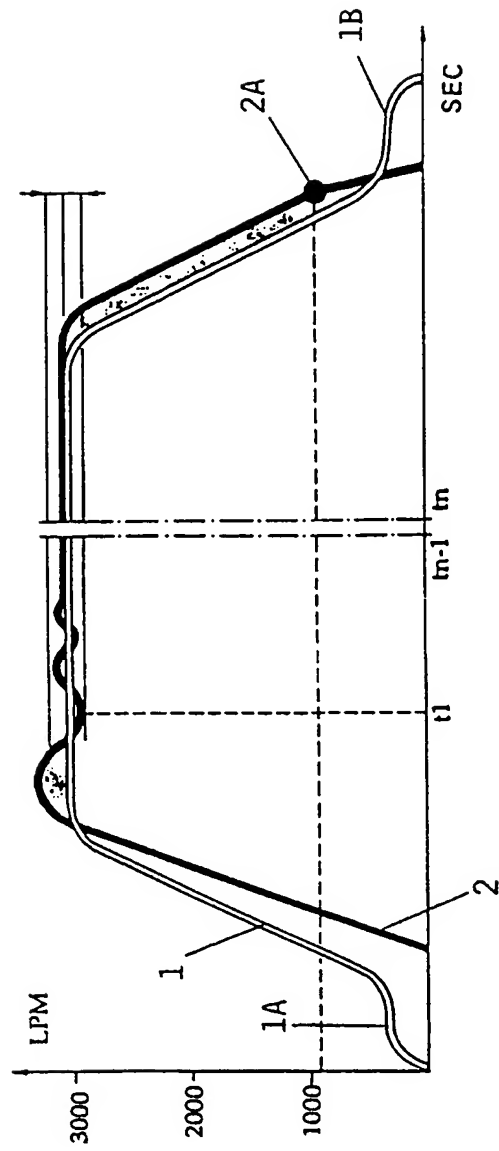


FIG. 2

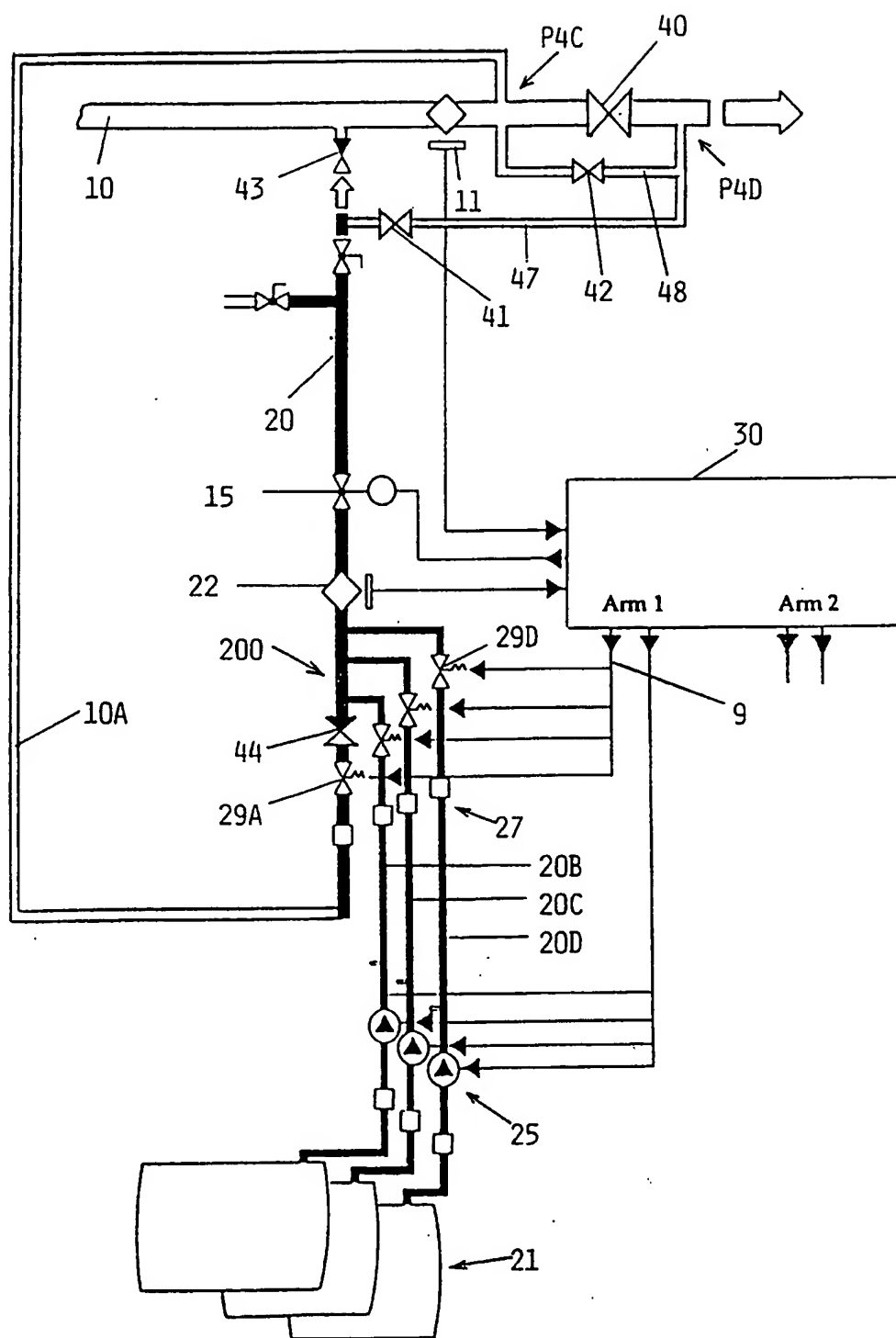


FIG. 3